



Substitute Sequence Listing

<110> LEE, SANG KYOU

<120> BIOMOLECULE TRANSDUCTION MOTIF SIM-2-BTM AND THE USE THEREOF

<130> PN-22867-PCT

<150> KR-10-2002-0003184

<151> 2002-01-19

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<170> KopatentIn 1.71

<210> 1

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Biomolecule transduction motif

<400> 1

Ala Lys Ala Ala Arg Gln Ala Ala Arg

1 5

<210> 2

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> 5' primer for sim-2

<220>

<221> misc_feature

<222> (4)..(9)

<223> BamHI site

Substitute Sequence Listing

<400> 2
 cgcggatccg ccaaaagcgc ccgcagggc gcccggtctt gagatccgt cgttttcaa 60
 cgtgac 66

<210> 3
 <211> 26
 <212> DNA
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<220>
 <223> 3' primer for beta-gal

<220>
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 <222> (3)..(8)
 <223> BglII site

<400> 3
 gaagatcttt atttttgaca ccagac 26

<210> 4
 <211> 75
 <212> DNA
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<220>
 <223> 5' primer for tat

<220>
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Substitute Sequence Listing

<400> 4
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 gttttacaac gtgac 75

<210> 5
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 3' primer for eGFP

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 <222> (4)..(8)
 <223> BglII site

<400> 5
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<210> 6
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 5' primer for B7.1

<220>
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 <222> (4)..(9)
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Substitute Sequence Listing

<400> 6
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18

<210> 7
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> 3' primer for B7.1

<220>
<221> misc_feature
<222> (3)..(8)
<223> BglII site

<400> 7
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18

<210> 8
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> 5' primer for Gal4

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<222> (4)..(9)
<223> XbaI site

Substitute Sequence Listing

<400> 8
cgctctagaa agctactgtc t 21

<210> 9
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> 3' primer for Gal4

<220>
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<222> (4)..(9)
<223> HindIII site

<400> 9
cccaagcttc ggcgatacag t 21

<210> 10
<211> 119
<212> DNA
<213> Artificial Sequence

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<223> Gal4 binding sequence

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taactggcca gctcgaattc atcagctcgg cgagattctt cggagctaag gaagctaaa 119

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<211> 45

Substitute Sequence Listing

<212> DNA
<213> Artificial Sequence

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<223> N terminal of BamHI-Bim-2-B7

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<221> misc_feature
<222> (4)..(9)
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<400> 11
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<210> 12
<211> 10
<212> DNA
<213> Artificial Sequence

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<223> C terminal of BglII and B7

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<221> misc_feature
<222> (3)..(8)
<223> BglII site

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<213> Artificial Sequence



Substitute Sequence Listing

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<223> 5' primer for Sim2-A1A2

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<221> misc_feature

<222> (4)..(9)

<223> BamHI site

<400> 13

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ttcagcaggc ggcacagagcc c 61

<210> 14

<211> 72

<212> DNA

<213> Artificial Sequence

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<223> 3' primer for Sim-2-A1A2

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<221> misc_feature

<222> (4)..(9)

<223> BglII site

<400> 14

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cattgtgaagg gc 72

<210> 15

<211> 69

Substitute Sequence Listing

<212> DNA
 <213> Artificial Sequence
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 <223> 5' primer for Sim-2-CTLA4

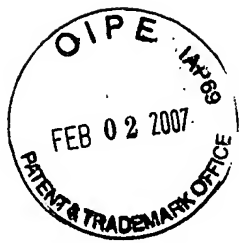
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<210> 16
 <211> 72
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 <213> Artificial Sequence
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 <223> 3' primer for Sim-2-CTLA4

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<400> 16
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 aggetgaat tg 72



Substitute Sequence Listing

<210> 17
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> 5' primer for Sim-2-insulin

<220>
<221> misc_feature
<222> (4)..(9)
<223> BamHI site

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<210> 18
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<212> DNA
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<220>
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<220>
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<222> (4)..(9)
<223> BglII site

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tccatctctc tcggtagc 77

Substitute Sequence Listing

<210> 19
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> enterokinase cleavage site

<400> 19
Asp Asp Asp Asp Lys
1 5

<210> 20
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> tev cleavage site

<400> 20
Glu Asn Leu Tyr Phe Gln Gly
1 5